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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/745,826	
	Filing Date	December 21, 2000	
	First Named Inventor	Anthony Bemo	
	Art Unit	3365	
	Examiner Name	Mohamed Charoui	
Total Number of Pages in This Submission	28	Attorney Docket Number	3365

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Response to Notice of Non-Compliant Amendment(19 pgs) <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR1.52 or 1.53	<input checked="" type="checkbox"/> Drawing(s) (8 Sheets) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm	Affymetrix, Inc.		
Signature	<i>Leticia R. Block</i>		
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Date	December 15, 2004	Reg. No.	50,187

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Signature	<i>Pamela Leong</i>		
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Anthony Berno)	Art Unit:	2857
)		
Serial No.:	09/745,826)	Examiner:	Mohamed Charioui
)		
Filing Date:	December 21, 2000)	Attorney Docket:	3365

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE

Sir:

In response to the Notice of Non-Compliant Amendment mailed December 8, 2004, Applicant respectfully submits the following corrected sections for the amendment previously filed on November 5, 2004.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Amendments to the Drawings begin on page 17 of this paper.

Remarks/Arguments begin on page 18 of this paper.

An Appendix including amended drawings figures is attached following page 19 of this paper.